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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/784,798

02/24/2004

Ji-Sung Park

IK-0078

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02/09/2006

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EXAMINER

WRIGHT, INGRID D

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 02/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.



**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 20 & 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee et al. (US 6822871 B2) in view of Mizuta et al. (US 2003/0064688 A1).

With respect to claim 20, Mizuta teaches (Fig. 4) a slide type portable telephone, comprising a main unit (200) including a plurality of key sections exposed in a surface of the main unit (200), a slide unit (100) configured to slide along the surface of the main unit (200) to cause the key sections of the main unit (200) to be selectively covered, and a stopper mechanism (301,304) configured to temporarily fix the slide unit (100) at a plurality of positions where the key sections are selectively exposed, wherein the stopper mechanism (301,304) comprises, a plurality of stoppers (304) with protruding projections on one of the main (200) and the slide units (100), and a stopper groove (100c) recessed on the other of the main units (200) and the slide units (100) and configured to removably receive the stopper (304).

Mizuta teaches the stopper grooves (101c), except a second stopper groove. Further, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an additional stopper groove, since it has been held mere duplication of the essential working parts of a device involves only routine skill in the art. *S. Regis Paper Co. v. Bemis Co.*, 193 USPQ 8.

Art Unit: 2835

With respect to claim 21, Lee et al. teaches (Fig. 6,7,8) the slide unit (102) can be selectively slid to an open position where both the first and second key sections of the main unit are exposed, a first position where only one of the key sections is exposed, and a closed position where both the first and second key sections are covered, wherein in the open, first and closed position, a stopper (304) is within a stopper groove (101c).

Mizuta teaches the stopper grooves (101c), except a second stopper groove. Further, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an additional stopper groove, since it has been held mere duplication of the essential working parts of a device involves only routine skill in the art. *S. Regis Paper Co. v. Bemis Co.*, 193 USPQ 8.

#### ***Allowable Subject Matter***

2. Claims 1-10 & 11-19 are allowed.

Claims 22 & 23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: Regarding claims 22 & 23, claim 22 recites: "an extension, and a protruding member extending through the extension hole," and claim 23 recites: "rotatable guide bars." These limitations in combination with all remaining limitations of claims are believed to render the claims patentable over the art of record.

#### ***Response to Arguments***

3. In response to the Applicant's remarks, Mizuta teaches a stopper groove (100c) recessed on a main unit (200) and a plurality of stopper springs (304). See further response in the action above.

**Conclusion**

4. **THIS ACTION IS MADE FINAL.** Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ingrid Wright whose telephone number is (571)272-8392. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on (571)272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Lisa Lea Edmonds*  
**LISA LEA EDMONDS**  
**PRIMARY EXAMINER**